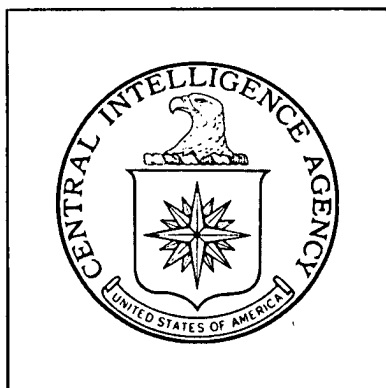


Top Secret



**DIRECTORATE OF
INTELLIGENCE**

**Industrial Facilities
(Non-Military)**

Basic Imagery Interpretation Report

Major Electric Power Plants

Ningsia Hui Autonomous Region, China

Top Secret

25X1

RCS 13/0026/71

25X1

DATE APRIL 1971

COPY 117

PAGES 5

Page Denied

TOP SECRET RUFF

RCS - 13/0026/71

25X1
25X1

CENTRAL INTELLIGENCE AGENCY
Directorate of Intelligence
Imagery Analysis Service

ABSTRACT

This report, based on late 1970 photography, updates previous basic reports on two major electric power plants in Ningsia Hui Autonomous Region, north-central China. The cut-off date for information in this report is February 1971.

At the Chin-chi Hydro Power Plant, all components necessary for operation were observed in place for the first time on coverage of August 1970. Insulators had been added to one transmission tower, indicating that at least one turbogenerator unit was connected to the switching yard. A fourth turbogenerator had also been installed. The plant was probably operating in August and December 1970.

At the Shih-tsui-shan Thermal Power Plant, no changes have been observed since the previous report. It was operating in December 1970.

-1-

TOP SECRET RUFF

25X1

TOP SECRET RUFF

25X1

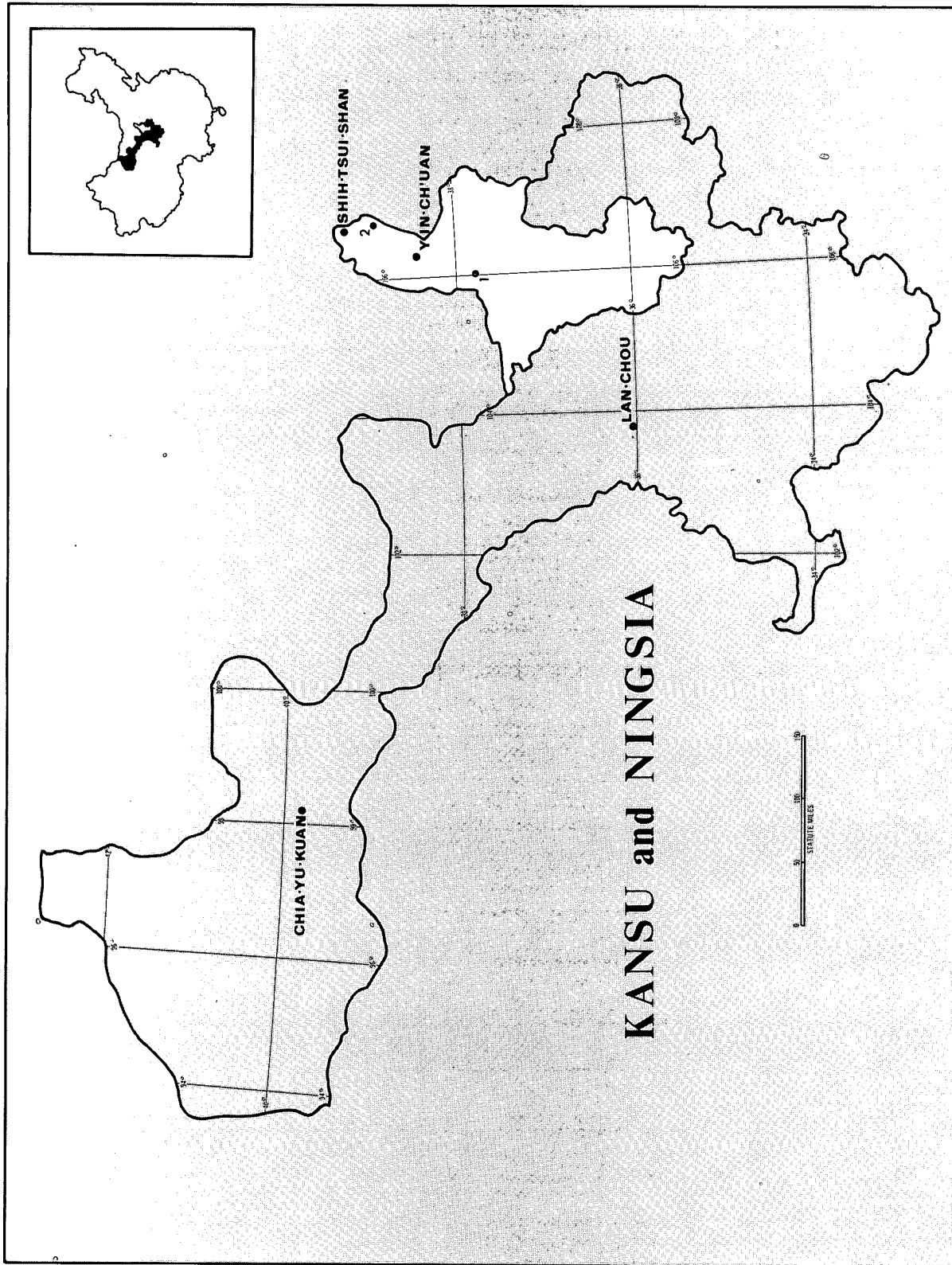


FIGURE 1. LOCATION MAP.

TOP SECRET RUFF

25X1

TOP SECRET RUFF

25X1
25X1

INTRODUCTION

This report covers the following major power plants in Ningsia Hui Autonomous Region (see Figure 1):

1. Chin-chi Hydro Power Plant Dam and Highway Ching-tung
2. Shih-tsui-shan Thermal Power Plant

Requirement

COMIREX NOI
Support Number 421994

Document

CIA. RCS - 13/0038/70, Major Electric Power Plants, Ningsia Hui Autonomous Region, China, May 1970, [] (TOP SECRET RUFF)

25X1

TOP SECRET RUFF

25X1

TOP SECRET RUFF25X1
25X1

INSTALLATION OR ACTIVITY NAME		COUNTRY
Chin-chi Hydro Power Plant Dam and Highway Ching-tung		CH
UTM COORDINATES	GEOGRAPHIC COORDINATES	
48SWS870928	37-52-45N 105-59-21E	
MAP REFERENCE		
8th RTS. USATC, Series 200, Sheet M0383-13HL, 2nd ed., Dec 69, Scale 1:200,000 (SECRET)		
LATEST IMAGERY USED	NEGATION DATE (If required)	
	NA	

25X1

25X1

25X1

BASIC DESCRIPTION

The Chin-chi Hydro Power Plant has probably become partially operational since October 1969, the date of the latest photography used in the previous report.

On photography of August 1970, all components necessary for operation were observed in place for the first time. Insulators were present on one of the transmission towers between the plant and the switching yard, indicating that at least one turbogenerator was connected to the switching yard. In addition, a fourth turbogenerator had been installed. Transmission lines from the switching yard to the Chin-chi Probable Light Metal Reduction Plant appeared complete.

No further changes were observed on small-scale photography of December 1970.

The plant was probably operating in both August and December 1970 as indicated by turbulence in the tailrace.

25X1

25X1

TOP SECRET RUFF

25X1

TOP SECRET RUFF25X1
ZUA

INSTALLATION OR ACTIVITY NAME		COUNTRY
Shih-tsui-shan Thermal Power Plant		CH
UTM COORDINATES	GEOGRAPHIC COORDINATES	
48SXU580160	38-58-37N 106-49-30E	
MAP REFERENCE		
ACIC. USATC, Series 200, Sheet M0383-9HL, 2nd ed, Dec 64, Scale 1:200,000 (SECRET)		
LATEST IMAGERY USED	NEGATION DATE (If required)	
	NA	

25X1

25X1

25X1

BASIC DESCRIPTION

No changes have been observed at the Shih-tsui-shan Thermal Power Plant since October 1969, the date of the latest photography used in the previous report.

The plant was operating in December 1970. Smoke was issuing from the stack and vapor from the northeast corner of the boilerhouse. Both spray ponds were operating.

25X1

TOP SECRET RUFF

25X1

Top Secret



Top Secret